

TRACY YUEN

NIH-Cambridge Scholar 2006

Degrees: University of Pennsylvania, B.S.E., Bioengineering, 2004

Research Interests: Biomedical Engineering, Neuroscience



After completing a B.S.E. degree in Bioengineering from the University of Pennsylvania, Tracy Yuen worked for two years in the lab of Dr. Douglas Smith in the Center for Brain Injury and Repair at Penn. Tracy served as Associate Secretary General and Director of the International Affairs Association and was elected as the Engineering School Representative on the Senior Class Board while an undergraduate at Penn. As an undergraduate, Tracy moved from analyzing gait data and assisting others in the lab to questioning current methods, to designing a study to compare three widely accepted methods of calculating the length of the gastrocnemius muscle, and to producing a first-author paper. Most recently, Tracy designed a study to investigate a potential mechanism of lowered tolerance to repetitive mild traumatic brain injury. Together, her research experience has yielded 3 publications and 6 abstracts, and she was a recipient of the Center for Brain Injury and Repair Award for Excellence in Research. Tracy is an accomplished violinist and pianist who attributes her creative approach to engineering problems to her love for music. She hopes to pursue clinically relevant research in neurotrauma and orthopaedics in order to contribute to the quality of life of patients.